

# TRANSMITTAL FORM

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Total Number of Pages in This Submission

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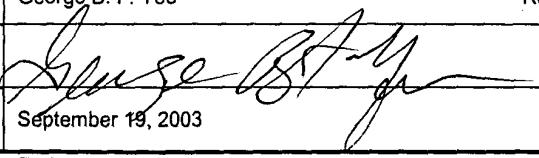
Application Number	10/644,226
Filing Date	August 19, 2003
First Named Inventor	Sivaram Krishnan
Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number 16869A-003510US

## ENCLOSURES (Check all that apply)

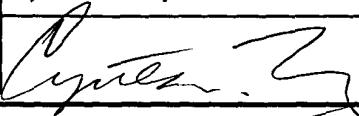
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
		Remarks
The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		
** The total number of pages in this submission does not include the references.		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP George B. F. Yee	
Signature		
Date	Reg. No. 37,478 September 19, 2003	

## CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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60039337 v1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sivaram Krishnan et al.

Application No.: 10/644,226

Filed: August 19, 2003

For: PROCESSOR ARCHITECTURE  
FOR EXECUTING TWO DIFFERENT  
FIXED-LENGTH INSTRUCTION SETS

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

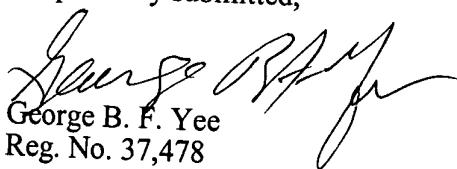
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the foreign patent references and non-patent references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
George B. F. Yee  
Reg. No. 37,478

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SEP 22 2003  
PATENT & TRADEMARK OFFICE  
U.S. DEPARTMENT OF COMMERCE  
SC553

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/644,226
Filing Date	August 19, 2003
First Named Inventor	Sivaram Krishnan
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869A-003510US

### U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5,930,833	07-27-1999	Yoshioka, et al.	
	2	US-6,425,039	07-23-2002	Yoshioka, et al.	
	3	US-5,907,867	05-25-1999	Shinbo et al.	
	4	US-2002/0116599	08-22-2002	Uminaga et al.	
	5	US-5,530,965	06-25-1996	Kawasaki et al.	
	6	US-5,608,881	03-04-1997	Masumura et al.	
	7	US-5,774,701	06-30-1998	Matsui et al.	
	8	US-5,778,237	07-07-1998	Yamamoto et al.	
	9	US-5,832,248	11-03-1998	Kishi et al.	
	10	US-5,835,963	11-10-1998	Yoshioka et al.	
	11	US-5,848,247	12-08-1998	Matsui et al.	
	12	US-5,884,092	03-15-1999	Kiuchi et al.	
	13	US-5,930,523	07-27-1999	Kawasaki et al.	
	14	US-5,682,545	10-28-1997	Kawasaki et al.	
	15	US-3,577,189	05-04-1971	John Cocke et al.	
	16	US-5,854,913	12-29-1998	Goetz et al.	
	17	US-5,918,031	06-29-1999	Morrison et al.	
	18	US-6,430,674	08-06-2002	Trivedi et al.	
	19	US-5,638,525	06-10-1997	Hammond et al.	
	20	US-6,088,793	07-11-2000	Liu et al.	
	21	US-5,596,734	01-21-1997	Ferra	
	22	US-5,627,842	05-06-1997	Brown et al.	
	23	US-5,704,034	12-30-1997	Circello	
	24	US-5,708,773	01-13-1998	Jeppesen, III et al.	
	25	US-5,737,516	04-07-1998	Circello et al.	
	26	US-5,768,152	06-16-1998	Battaline et al.	
	27	US-5,771,240	06-23-1998	Tobin et al.	
	28	US-5,781,558	07-14-1998	Inglis et al.	
	29	US-5,828,825	10-27-1998	Eskandari et al.	
	30	US-5,944,841	08-31-1999	Christie	
	31	US-5,950,012	09-07-1999	Shiell et al.	
	32	US-6,272,453	08-07-2001	Hoering et al.	
	33	US-6,256,658	07-03-2001	Mourney et al.	
	34	US-6,091,629	07-18-2000	Osada	
	35	US-6,092,172	07-18-2000	Nishimoto	
	36	US-6,038,582	03-14-2000	Arakawa et al.	
	37	US-5,983,017	11-09-1999	Kemp et al.	
	38	US-5,983,379	11-09-1999	Warren	
	39	US-5,978,874	11-02-1999	Singhal et al.	
	40	US-5,978,902	11-02-1999	Mann	
	41	US-5,956,477	09-21-1999	Ranson et al.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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 SEP 22 2003  
 PARENT TRADEMAK OFFICE 35

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet | 2 | of | 4 |

**Complete if Known**

Application Number	10/644,226
Filing Date	August 19, 2003
First Named Inventor	Sivaram Krishnan
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869A-003510US

**U.S. PATENT DOCUMENTS+**

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	42	US-5,918,045	06-29-1999	Nishii, et al.	
	43	US-5,867,726	02-02-1999	Ohsuga, et al.	
	44	US-5,860,127	01-12-1999	Shimazaki, et al.	
	45	US-5,796,978	08-18-1998	Yoshioka, et al.	
	46	US-5,794,010	08-11-1998	Worrell et al.	
	47	US-5,751,621	05-12-1998	Arakawa	
	48	US-5,724,549	03-03-1998	Selgas et al.	
	49	US-5,657,273	08-12-1997	Ayukawa, et al.	
	50	US-5,613,153	03-18-1997	Arimilli et al.	
	51	US-5,598,551	01-28-1997	Barajas et al.	
	52	US-5,590,354	12-31-1996	Klaproth et al.	
	53	US-5,570,375	10-29-1996	Tsai et al.	
	54	US-5,488,688	01-30-1996	Gonzales et al.	
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	57	US-5,455,936	10-03-1995	Maemura	
	58	US-5,452,432	09-19-1995	Macachor	
	59	US-5,434,804	07-18-1995	Bock et al.	
	60	US-5,423,050	06-06-1995	Taylor et al.	
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	62	US-5,251,311	10-05-1993	Kasai	
	63	US-5,448,576	10-29-1992	Russell	
	64	US-5,440,705	04-30-1990	Wang et al.	
	65	US-4,814,981	03-21-1989	Rubinfeld	
	66	US-6,023,757	02-08-2000	Nishimoto	
	67	US-6,038,661	03-14-2000	Yoshioka et al.	
	68	US-6,023,757	02-08-2000	Nishimoto et al.	
	69	US-6,038,582	03-14-2000	Arakawa et al.	
	70	US-5,862,387	01-19-1999	Songer et al.	
	71	US-5,896,550	04-20-1999	Wehunt et al.	
	72	US-5,953,538	09-14-1999	Duncan et al.	
	73	US-5,682,545	10-28-1997	Kawasaki et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>				
	74	EP	0 959 411	11-24-1999			
	75	EP	0 945 805	09-29-1999			

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SEP 22 2003**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet | 3 | of | 4 |

*C mplete if Known*

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		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
76	EP	0 933 926		08-04-1999			
77	EP	0 747 808		12-11-1996			
78	EP	0 720 092		07-03-1996			
79	EP	0 702 239		03-20-1996			
80	EP	0 636 976		02-01-1995			
81	EP	0 165 600		11-21-1991			
82	EP	0 324 308		07-19-1989			
83	EP	0 199 173		10-29-1986			
84	JP	10-177520		06-30-1998		abstract only	
85	JP	10-124484		05-15-1998		abstract only	
86	JP	10-106269		04-24-1998		abstract only	
87	JP	09-311786		12-02-1997		abstract only	
88	JP	09-212358		08-15-1997		abstract only	
89	JP	08-329687		12-13-1996		abstract only	
90	JP	08-320796		12-03-1996		abstract only	
91	PCT	WO98/13759		02-04-1998			
92	PCT	WO 97/27537		07-31-1997			
93	SG	9702738-7		07-31-1997			

Examiner Signature

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PTO/SB/08B (08-03)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet | 4 | of | 4 |

## Complete if Known

Application Number	10/644,226
Filing Date	August 19, 2003
First Named Inventor	Krishnan, Sivaram
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	16869A-003510US

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	94	Young et al., "A Simulation Study Of Architectural Data Queues And Prepare-To-Branch Instruction," IEEE, New York, pp. 544-549, CH2080-0/84/0000/0544 (1984).	
	95	Richard York; Real Time Debug for System-on-Chip Devices; June 1999; Pages 1-6	

Examiner Signature		Date Considered	
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